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| Main Menu | Search Form | Posting Counts | Show S Numbers | Edit S Numbers | Preferences |

Your wildcard search against 2000 terms has yielded the results below

Search for additional matches among the next 2000 terms

Search Results -

Term	Documents
CTLA$	0
CTLA.USPT,PGPB.	240
CTLACT.USPT,PGPB.	4
CTLACT-ROUTINE.USPT,PGPB.	1
CTLADD.USPT,PGPB.	1
CTLADR.USPT,PGPB.	1
CTLADR/CT.USPT,PGPB.	1
CTLAE.USPT,PGPB.	1
CTLAI.USPT,PGPB.	1
CTLAIG.USPT,PGPB.	10
. . . . .	
TREAT$(TREATMENT/POST).USPT,PGPB.	pickup term
((CTLA$) AND (TREAT$ OR INHIBIT$ OR SUPPRESS$ OR THERAP$ OR ADMINIST$)SAME(SCLEROSIS OR MULTIPLE ADJ SCLEROSIS)).USPT,PGPB.	81

There are more results than shown above. Click here to view the entire set.

Database:

```
US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
```

| Refine Search: | (ctla$) and (treat$ or inhibit$ or suppress$ or therap$ or administ$)same(sclerosis or multiple adj | Clear |

Search History

Today's Date: 8/18/2001

DB Name	Query	Hit Count	Set Name
USPT,PGPB	(ctla$) and (treat$ or inhibit$ or suppress$ or therap$ or administ$)same(sclerosis or multiple adj sclerosis)	81	L4
USPT,PGPB	(ctla$) and (sclerosis or multiple adj sclerosis)	98	L3
USPT,PGPB	(ctla$) same (sclerosis or multiple adj sclerosis)	3	L2
USPT,PGPB	(ctla$) same (sclerosis or multiple adj sclerosis). clm.	0	L1

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| Main Menu | Search Form | Posting Counts | Show S Numbers | Edit S Numbers | Preferences |

Search Results -

Term	Documents
CTLA$	0
CTLA.DWPI,EPAB,JPAB.	67
CTLACTLA.DWPI,EPAB,JPAB.	1
CTLACTLAC.DWPI,EPAB,JPAB.	1
CTLACTLACTLBCTLB.DWPI,EPAB,JPAB.	1
CTLADR.DWPI,EPAB,JPAB.	1
CTLAMP.DWPI,EPAB,JPAB.	1
CTLAN.DWPI,EPAB,JPAB.	6
CTLA4.DWPI,EPAB,JPAB.	62
CTLA4IG.DWPI,EPAB,JPAB.	8
((CTLA$) AND (TREAT$ OR INHIBIT$ OR SUPPRESS$ OR THERAP$ OR ADMINIST$)SAME(SCLEROSIS OR MULTIPLE ADJ SCLEROSIS)).JPAB,EPAB,DWPI.	14

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Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Refine Search:

```
(ctla$) and (treat$ or inhibit$ or
suppress$ or therap$ or
administ$)same(sclerosis or multiple adj
```

| Clear |

Search History

Today's Date: 8/18/2001

DB Name	Query	Hit Count	Set Name
JPAB,EPAB,DWPI	(ctla$) and (treat$ or inhibit$ or suppress$ or therap$ or administ$)same(sclerosis or multiple adj sclerosis)	14	L5
USPT,PGPB	(ctla$) and (treat$ or inhibit$ or suppress$ or therap$ or administ$)same(sclerosis or multiple adj sclerosis)	81	L4
USPT,PGPB	(ctla$) and (sclerosis or multiple adj sclerosis)	98	L3
USPT,PGPB	(ctla$) same (sclerosis or multiple adj sclerosis)	3	L2
USPT,PGPB	(ctla$) same (sclerosis or multiple adj sclerosis). clm.	0	L1

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| Main Menu | Search Form | Posting Counts | Show S Numbers | Edit S Numbers | Preferences |

Search Results -

Term	Documents
CTLA$	0
CTLA.DWPI,EPAB,JPAB.	67
CTLACTLA.DWPI,EPAB,JPAB.	1
CTLACTLAC.DWPI,EPAB,JPAB.	1
CTLACTLACTLBCTLB.DWPI,EPAB,JPAB.	1
CTLADR.DWPI,EPAB,JPAB.	1
CTLAMP.DWPI,EPAB,JPAB.	1
CTLAN.DWPI,EPAB,JPAB.	6
CTLA4.DWPI,EPAB,JPAB.	62
CTLA4IG.DWPI,EPAB,JPAB.	8
(((CTLA$) AND (TREAT$ OR INHIBIT$ OR SUPPRESS$ OR THERAP$ OR ADMINIST$)SAME(SCLEROSIS OR MULTIPLE ADJ SCLEROSIS)).JPAB,EPAB,DWPI.	14

There are more results than shown above. Click here to view the entire set.

Database:
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US Patents Full-Text Database          ▲
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins      ▼
```

| Refine Search: | (ctla$) and (treat$ or inhibit$ or suppress$ or therap$ or administ$)same(sclerosis or multiple adj | Clear |

Search History

Today's Date: 8/18/2001

DB Name	Query	Hit Count	Set Name
JPAB,EPAB,DWPI	(ctla$) and (treat$ or inhibit$ or suppress$ or therap$ or administ$)same(sclerosis or multiple adj sclerosis)	14	L5
USPT,PGPB	(ctla$) and (treat$ or inhibit$ or suppress$ or therap$ or administ$)same(sclerosis or multiple adj sclerosis)	81	L4
USPT,PGPB	(ctla$) and (sclerosis or multiple adj sclerosis)	98	L3
USPT,PGPB	(ctla$) same (sclerosis or multiple adj sclerosis)	3	L2
USPT,PGPB	(ctla$) same (sclerosis or multiple adj sclerosis). clm.	0	L1

6/7/56   (Item 7 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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  123081061   CA: 123(7)81061d   JOURNAL
  Role of CD80 (B7-1) and CD86 (B7-2, B70) in T cell activation
  AUTHOR(S): Ebata, Tomohiko; Azuma, Miyuki
  LOCATION: Sch. Med., Juntendo Univ., Tokyo, Japan, 113
  JOURNAL: Mol. Med. (Tokyo) DATE: 1995 VOLUME: 32 NUMBER: Suppl. 428
  PAGES: 22-9 CODEN: MOLMEL ISSN: 0918-6557 LANGUAGE: Japanese
  SECTION:
CA215000 Immunochemistry
  IDENTIFIERS: CD80 CD86 T lymphocyte signaling review, B71 B72 T
lymphocyte signaling review
  DESCRIPTORS:
Antigens,B70... Antigens,B7/BB-1... Lymphocyte,T-cell... Signal
transduction,biological...
    B7-1 and B7-2 antigens role in T-cell signaling

  6/7/57   (Item 8 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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  123081035   CA: 123(7)81035y   JOURNAL
  Distinct roles for the costimulatory ligands B7-1 and B7-2 in T helper
cell differentiation?
  AUTHOR(S): Thompson, Craig B.
  LOCATION: Howard Hughes Medical Inst., Univ. Chicago, Chicago, IL, 60637,
USA
  JOURNAL: Cell (Cambridge, Mass.) DATE: 1995 VOLUME: 81 NUMBER: 7
  PAGES: 979-82 CODEN: CELLB5 ISSN: 0092-8674 LANGUAGE: English
  SECTION:
CA215000 Immunochemistry
  IDENTIFIERS: review B71 B72 T cell differentiation
  DESCRIPTORS:
Antigens,B70... Hematopoiesis,T-cell lymphopoiesis... Lymphocyte,T-cell,
helper cell...
    distinct roles for B7-1 and B7-2 in T helper cell differentiation
Antigens,B7/BB-1...
    Distinct roles for the costimulatory ligands B7-1 and B7-2 in T helper
    cell differentiation

  6/7/58   (Item 9 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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  122130384   CA: 122(11)130384b   JOURNAL
  Functional role of CD86 (B70/B7-2) on T cell activation
  AUTHOR(S): Ito, Daisuke; Azuma, Miyuki
  LOCATION: Juntendo Univ., Tokyo, Japan, 113
  JOURNAL: Immunol. Front. DATE: 1994 VOLUME: 4 NUMBER: 6 PAGES: 541-4
  CODEN: IMFREG ISSN: 0917-0774 LANGUAGE: Japanese
  SECTION:
CA215000 Immunochemistry
  IDENTIFIERS: CD86 antigen structure function review, T lymphocyte CD86
antigen review
  DESCRIPTORS:

Lymphocyte,T-cell...
    B7-2 antigen in activation of
Antigens,B70...
    in T-cell activation

  6/7/59   (Item 10 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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  121202514   CA: 121(17)202514y   JOURNAL
  B70 (B7-2), a second ligand for CD28 and CTLA-4
  AUTHOR(S): Ito, Daisuke; Azuma, Miyuki
  LOCATION: Fac. Med., Univ. Tokyo, Tokyo, Japan, 113
  JOURNAL: Jikken Igaku DATE: 1994 VOLUME: 12 NUMBER: 12 PAGES: 1551-5
  CODEN: JIIGEF ISSN: 0288-5514 LANGUAGE: Japanese
  SECTION:
CA215000 Immunochemistry
  IDENTIFIERS: review B70 CD28 CTLA4 antigen ligand
  DESCRIPTORS:
Antigens,B70... Antigens,CD28... Proteins,specific or class, CTLA-4...
    B70 antigen as ligand for CD28 and CTLA-4
?
Connection closed by remote host

6/7/3   (Item 3 from file: 5)
DIALOG(R)File   5:Biosis Previews(R)

11669616   BIOSIS NO.: 199800451347
Targeting the B7 /CD28: CTLA-4 costimulatory system in CNS autoimmune
   disease.
AUTHOR: Karandikar Nitin J; Vanderlugt Carol L; Bluestone Jeffrey A; Miller
   Stephen D(a)
AUTHOR ADDRESS: (a)Dep. Microbiol.-Immunol. Interdepartmental Immunobiol.
   Cent., North Western Univ. Med. Sch., 303**USA
JOURNAL: Journal of Neuroimmunology 89 (1-2):p10-18 Aug. 14, 1998
ISSN: 0165-5728
DOCUMENT TYPE: Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

ABSTRACT: The B7/CD28:CTLA-4 costimulatory pathway plays a critical role in
   determining the fate of immune responses (activation vs. down-regulation)
   and is a highly promising therapeutic target for treating autoimmune
   diseases. In this review, we highlight the mechanisms by which this
   costimulatory pathway operates emphasizing the role of the different
   components in the pathogenesis of relapsing experimental autoimmune
   encephalomyelitis, a CD4 T cell-mediated autoimmune model of multiple
   sclerosis. The separate and distinct roles of B7-1, B7-2 and
   CTLA-4 in positive and negative regulation of autoimmune pathogenesis are

6/7/1   (Item 1 from file: 5)

ABSTRACT: T cell stimulation in the absence of a second, costimulatory
   signal can lead to anergy or the induction of cell death. CD28 is a major
   T cell costimulatory receptor, the coengagement of which can prevent
   anergy and cell death. The CD28 receptor is a member of a complex family
   of polypeptides that includes at least two receptors and two ligands.
   Cytotoxic lymphocyte-associated molecule-4 (CTLA-4, CD152) is the second
   member of the CD28 receptor family. The ligands or counterreceptors for
   these two proteins are the B7 family members, CD80 (B7-1) and CD86 (
   B7-2). This article reviews the CD28/CTLA4 and
   CD80/CD86 families, and outlines the functional outcomes and biochemical
   signaling pathways recruited after CD28 ligation.